

Notice of Allowability

Application No.

10/099,849

Examiner

Chih-Ching Chow

Applicant(s)

BAKER ET AL.

Art Unit

2192

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 04/11/05 Amendment.
2. ☒ The allowed claim(s) is/are 1-51.
3. ☒ The drawings filed on 15 March 2002 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

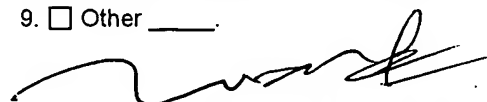
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 03/15/02
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date by phone 04/08/05.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


TUAN DAM
SUPERVISORY PATENT EXAMINER

Examiner's Statement of Reasons for Allowance

1. This action is responsive to Applicant's amendment after non-final filed on April 11, 2005.

Response to Amendment

2. Applicant's amendment Specification dated 04/15/2005, responding to the 01/10/2005 Office action provided in the objection of the Cross-Reference to Related Applications. The examiner has reviewed the updated Specification respectfully. The Specification is accepted by the Examiner.
3. Applicant's amendment dated 04/15/2005, responding to the 01/10/2005 Office action for Claims 4, 7, 8, 13, 14, 20, 23, 24, 29, 30, 35, 39, 42, 43, 48, and 49. The examiner has reviewed the amended claims, respectfully. These amendments serves the purpose of better convey the teaching. All the amended claims are accepted by the Examiner.

Response to Arguments

4. A telephone interview with Mr. Wayne F. Reinke, Registration Number 36650, on April 08, 2005 for clarifying the reference of Fuh's disclosure; Fuh's 'authorization' is for accessing the debugger, not the alias. Amendment to related claims is agreed to be made by the attorney in order to re-illustrate the teaching of that a user is associated with one or a plurality of aliases.
5. Applicant's arguments, filed concurrently with the amendment after non-final filed on April 11, 2005, with respect to claims 1-51 have been fully considered and are persuasive. The rejection of these claims under 35 U.S.C. § 102 and 35 U.S.C. § 103

as being unpatentable over the combination of Besaw and Fuh's disclosures is withdrawn.

Examiner's Statement of Reason(s) for Allowance

6. Claims 1-51 are allowed.

7. The following is an examiner's statement of reasons for allowance:

The prior arts of record: Besaw, teaches an aliasing method and apparatus carried out on a digital computer are provided for generating an object code from a source program. The Aliasing information is mainly for compiler use for improving the efficiency of code optimization (see REMARKS page 11, last paragraph). Fuh teaches a method, system and a program for debugging external programs, such as user defined functions, stored procedures, and trigger executed in relational database management systems, in a client-server, i.e., distributed, environment. However, none of them, taken alone or in combination, teaches the following features in such a manner as recited in each of the independent claims 1, 10, 17, 26, 29, 33-36, 45 and 48:

- **Obtaining an alias of an application to be debugged and resolving the alias to a name known to the compiler to facilitate use of the alias in debugging of the application (see Claims 1, 17, and 33, 36)**
- **Obtaining an alias of an application to be debugged, and debugging at least a portion of the application using the (see Claims 10, 26, 34, and 45);**
- **Determining whether a user attempting to use an alias in debugging at least a portion of an application is associated with the alias; and providing**

debug information for the alias, in response to the determining indicating an association (see Claims 29, 35, and 48);

- **The capability enables aliases, which are not known to the debug generation stage of the compiler, to be used during the debugger. This allows users to use simplified names to reference complex symbols without foregoing the debugging of those names (see paragraph 0014).**

8. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chih-Ching Chow whose telephone number is 571-272-3693. The examiner can normally be reached on 7:00am - 3:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tuan Dam can be reached on 571-272-3695. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Chih-Ching Chow
Examiner
Art Unit 2192
June 20, 2005

C.C.


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SUPERVISORY PATENT EXAMINER